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L1: Entry 1 of 1

File: DWPI

Sep 1, 2001

DERWENT-ACC-NO: 2000-128161

DERWENT-WEEK: 200161

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TITLE: Water-in-oil emulsion useful for treating e.g. oily skin and psoriasis  
with high stability and bringing freshness to skin

INVENTOR: AFRIAT, I; BOULIER, V

PATENT-ASSIGNEE:

ASSIGNEE

CODE

L'OREAL SA

OREA

PRIORITY-DATA: 1998FR-0008418 (July 1, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
ES 2158725 T3	September 1, 2001		000	A61K007/00
<u>EP 970682 A2</u>	January 12, 2000	F	006	A61K007/00
FR 2780662 A1	January 7, 2000		000	B01F017/54
JP 2000044430 A	February 15, 2000		005	A61K007/00
<u>EP 970682 B1</u>	April 11, 2001	F	000	A61K007/00
DE 69900080 E	May 17, 2001		000	A61K007/00
JP 3199705 B2	August 20, 2001		005	A61K007/00

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL  
PT RO SE SI DE ES FR GB IT

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
ES 2158725T3	June 25, 1999	1999EP-0401598	
ES 2158725T3		EP 970682	Based on
EP 970682A2	June 25, 1999	1999EP-0401598	
FR 2780662A1	July 1, 1998	1998FR-0008418	
JP2000044430A	June 25, 1999	1999JP-0180801	
EP 970682B1	June 25, 1999	1999EP-0401598	
DE 69900080E	June 25, 1999	1999DE-0600080	
DE 69900080E	June 25, 1999	1999EP-0401598	
DE 69900080E		EP 970682	Based on
JP 3199705B2	June 25, 1999	1999JP-0180801	
JP 3199705B2		JP2000044430	Previous Publ.

INT-CL (IPC): A61K 7/00; A61K 7/48; A61K 9/107; A61K 31/00; A61K 47/34; A61P  
17/16; B01F 17/54; C11D 3/37

ABSTRACTED-PUB-NO: EP 970682A

## BASIC-ABSTRACT:

NOVELTY - A composition comprising an aqueous phase dispersed in an oil phase thanks to a siliconated emulsifying agent has a viscosity of 3-20 Pa.s (measured with RHEUMAT 180 at a shear rate of 200 s<sup>-1</sup> at 25 deg. C), comprises at least 75 wt. % of aqueous phase and at least 65 wt. % of water, and contains a siliconated emulsifying agent (I).

DETAILED DESCRIPTION - A composition comprising an aqueous phase dispersed in an oil phase thanks to a siliconated emulsifying agent has a viscosity of 3-20 Pa.s (measured with RHEUMAT 180 at a shear rate of 200 s<sup>-1</sup> at 25 deg. C), comprises at least 75 wt. % of aqueous phase and at least 65 wt. % of water, and contains a siliconated emulsifying agent of formula (I).

ACTIVITY - Dermatological; antipsoriatic.

MECHANISM OF ACTION - None given.

USE - The composition is useful as a cosmetic for the skin, hair, nails, scalp and/or mucosa, especially as a cream for treating oily skins or psoriasis (claimed).

ADVANTAGE - The emulsion stays stable even with its large amount of water. The composition does not fluidize to easily when applied, and brings freshness to the skin.

ABSTRACTED-PUB-NO:

EP 970682B

## EQUIVALENT-ABSTRACTS:

NOVELTY - A composition comprising an aqueous phase dispersed in an oil phase thanks to a siliconated emulsifying agent has a viscosity of 3-20 Pa.s (measured with RHEUMAT 180 at a shear rate of 200 s<sup>-1</sup> at 25 deg. C), comprises at least 75 wt. % of aqueous phase and at least 65 wt. % of water, and contains a siliconated emulsifying agent (I).

DETAILED DESCRIPTION - A composition comprising an aqueous phase dispersed in an oil phase thanks to a siliconated emulsifying agent has a viscosity of 3-20 Pa.s (measured with RHEUMAT 180 at a shear rate of 200 s<sup>-1</sup> at 25 deg. C), comprises at least 75 wt. % of aqueous phase and at least 65 wt. % of water, and contains a siliconated emulsifying agent of formula (I).

ACTIVITY - Dermatological; antipsoriatic.

MECHANISM OF ACTION - None given.

USE - The composition is useful as a cosmetic for the skin, hair, nails, scalp and/or mucosa, especially as a cream for treating oily skins or psoriasis (claimed).

ADVANTAGE - The emulsion stays stable even with its large amount of water. The composition does not fluidize to easily when applied, and brings freshness to the skin.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: WATER OIL EMULSION USEFUL TREAT OIL SKIN PSORIASIS HIGH STABILISED FRESH SKIN

DERWENT-CLASS: A26 A96 B05 D16 D21

CPI-CODES: A06-A00E4; A12-V01; B04-A10; B04-B04L; B04-B04M; B04-C03D; B04-L01; B05-B01P; B06-A01; B10-A13B; B10-C04D; B10-E04C; B12-M03; B14-N17C; B14-R01; D08-B03; D08-B09A;

## CHEMICAL-CODES:

## Chemical Indexing M1 \*01\*

## Fragmentation Code

M423 M431 M782 M905 P930 P943 Q252 Q254 Q262 R021

## Specific Compounds

A00GCK A00GCM

## Chemical Indexing M1 \*02\*

## Fragmentation Code

M423 M431 M782 M905 P930 P943 Q252 Q254 Q262 R021

## Specific Compounds

A00GTK A00GTM

## Chemical Indexing M1 \*03\*

## Fragmentation Code

B414 B713 B720 B744 B796 B799 B833 H4 H401 H402

H403 H404 H405 H481 H482 H483 H484 H5 H584 H589

H8 M210 M211 M250 M283 M312 M313 M322 M323 M331

M332 M342 M383 M393 M423 M431 M510 M520 M530 M540

M620 M782 M904 M905 P930 P943 Q252 Q254 Q262 R021

## Markush Compounds

200012-07201-K 200012-07201-M

## Chemical Indexing M2 \*04\*

## Fragmentation Code

D014 D023 D120 F012 F013 F014 F015 F016 F019 F123

F199 G015 G100 H4 H405 H424 H444 H5 H522 H8

J5 J521 K0 L8 L814 L817 L822 L831 L9 L960

M1 M113 M126 M141 M210 M211 M240 M281 M311 M321

M342 M373 M391 M412 M431 M511 M522 M531 M540 M782

M904 M905 M910 P930 P943 Q252 Q254 Q262 R021

## Specific Compounds

01179K 01179M

## Registry Numbers

1179U

## Chemical Indexing M2 \*05\*

## Fragmentation Code

G036 G038 G562 H7 H725 J0 J011 J1 J171 M210

M211 M240 M283 M316 M321 M333 M342 M372 M391 M415

M431 M510 M520 M530 M541 M782 M904 M905 M910 P930

P943 Q252 Q254 Q262 R021

## Specific Compounds

01211K 01211M 07921K 07921M 10826K 10826M

## Registry Numbers

1211U

## Chemical Indexing M2 \*06\*

## Fragmentation Code

K0 L4 L432 M280 M320 M416 M431 M620 M782 M904

M905 M910 P930 P943 Q252 Q254 Q262 R021

## Specific Compounds

00123K 00123M

## Registry Numbers

0123U

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0123U; 1179U ; 1211U

## ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; D01 D11 D10 ; R00351 G1558 D01 D23 D22 D31 D42 D50 D73 D82  
F47 ; R00370 G1558 D01 D11 D10 D23 D22 D31 D42 D50 D73 D83 F47 ; P1445\*R F81 Si 4A ;

S9999 S1376 ; H0044\*R H0011 ; P0055 ; P0964\*R F34 D01 ; H0260 Polymer Index [1.2] 018 ;  
ND01 ; Q9999 Q9176 Q9165 ; Q9999 Q8037 Q7987 ; Q9999 Q9110

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2000-039313

**Water-in-oil composition with a variable shear rate**

Patent Number: EP0970682  
Publication date: 2000-01-12  
Inventor(s): AFRIAT ISABELLE (FR); BOULIER VIRGINIE (FR)  
Applicant(s):: OREAL (FR)  
Requested Patent: ☐ EP0970682, A3, B1  
Application Number: EP19990401598 19990625  
Priority Number(s): FR19980008418 19980701  
IPC Classification: A61K7/00  
EC Classification: A61K7/00M6, A61K7/06G22F  
Equivalents: DE69900080D, DE69900080T, ES2158725T, ☐ FR2780662, ☐ JP2000044430 (JP00044430)

**Abstract**

A composition comprising an aqueous phase dispersed in an oil phase thanks to a siliconated emulsifying agent has a viscosity of 3-20 Pa.s (measured with RHEUMAT 180 at a shear rate of 200 s<sup>-1</sup> at 25 degrees C), comprises at least 75 wt. % of aqueous phase and at least 65 wt. % of water, and contains a siliconated emulsifying agent (I). A composition comprising an aqueous phase dispersed in an oil phase thanks to a siliconated emulsifying agent has a viscosity of 3-20 Pa.s (measured with RHEUMAT 180 at a shear rate of 200 s<sup>-1</sup> at 25 degrees C), comprises at least 75 wt. % of aqueous phase and at least 65 wt. % of water, and contains a siliconated emulsifying agent of formula (I).

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